

### **ABSTRACT**

An apparatus and method for measuring viscosity or related properties of fluid samples in parallel is disclosed. The apparatus includes a plurality of tubes and reservoirs in fluid communication with the tubes. The tubes provide flow paths for the fluid samples, which are initially contained within the reservoirs. The apparatus also includes a mechanism for filling the reservoirs with the fluid samples, and a device for determining volumetric flow rates of fluid samples flowing from the reservoirs through the plurality of tubes simultaneously. The disclosed apparatus is capable of measuring viscosity or related properties of at least five fluid samples simultaneously. Useful reservoirs and tubes include syringes.